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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| APPLICANT(S):                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Robert Otilar, <i>et al.</i>                             |
| APPLICATION NO.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 09/683,861                                               |
| FILING DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | February 22, 2002                                        |
| TITLE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Systems and Methods for Localizing and Analyzing Samples |
| EXAMINER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Jan M. Ludlow                                            |
| GROUP ART UNIT:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1743                                                     |
| ATTY. DKT. NO.:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0861                                                     |
| <b>CERTIFICATE OF MAILING/TRANSMISSION</b><br>I hereby certify that this correspondence is being<br><input type="checkbox"/> deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to:<br>Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.<br><input checked="" type="checkbox"/> transmitted on the date shown below via facsimile to the attention of: <br>Examiner Schultz at facsimile number 703-872-9306.<br>Dated: August 11, 2005 _____ By: _____<br><div style="text-align: right;">Robert P. Otilar</div> |                                                          |

MAIL STOP AMENDMENT  
 COMMISSIONER FOR PATENTS  
 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450

**RESPONSE (37 C.F.R. § 1.111)**

SIR:

Responsive to the Office Action dated March 11, 2005 received in the above-identified patent application, please enter the following amendments, and consider the accompanying remarks. Applicant hereby requests a Two Month Extension. Thus, the Response is timely filed. Applicant respectfully requests reconsideration of the claims in the above-identified application in view of the following amendments and remarks for the purpose of putting the application in condition for allowance.

**Amendments to the Claims** begin on page 2. **Remarks** begin on page 14.